

INFORMATION REPORT

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SUBJECT The Development of Special Ceramic Material in
the Hescho-Kahla Plant

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The laboratory of the Hescho-Kahla Plant in Hermsdorf (M 51/J 86) is working on a Soviet project, requiring the development of very thin-walled (duennwandig) ceramic substances which can resist temperatures up to 2,800 degrees centigrade, using a zirconium-oxide and thorium-oxide base. An electron microscope, to be used for structural examination, will allegedly be supplied by the IIF plant. The ceramic material which has been developed and tested to date has not been able to withstand the required high temperatures. *

* Comment. Prior to World War II, high-quality ceramic material was developed in the RIG plant (Rosenthal-Insulators-Ltd.) in Hennigsdorf (M 53/Z 76) and later in the Selb (M 51/P 18) plant and in the Marktrechwitz (M 51/P 16) plant. After the war, the plant in Hennigsdorf, which had been closed, was rebuilt and was headed by Dr. Hermann Markort, a specialist in this kind of production, who had already developed some high-quality material before the war. No information is available on the development of high quality ceramic material in the Hescho-Kahla plant.

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